

# BUSKOP LAW GROUP, P.C.

Patents and Trademarks & Related Matters

PARALEGALS GERTRUD W. BARKER SARAH A. GERNHART

TRADEMARK ATTORNEY SUNISHA S. CHOKSI 1717 St. James Place Suite 500 Houston, TX 77056 STAFF
DEBORAH A. POWELL
KENYETTA L. GREEN
BABS D. ROBICHEAUX

File: 1261.03

EXECUTIVE DIRECTOR RUTH E. GERNHART

Telephone: (713) 403-7411 Fax: (713) 960-0204 WASHINGTON OFFICE PETER A. BORSARI, OF COUNSEL 2001 JEFFERSON DAVIS HIGHWAY SUITE 206 ARLINGTON, VA 22202

www.buskoplaw.com

Writer's Direct Dial: 713.403.7410

April 26, 2004

Certificate of 1st Class Mail

I hereby certify that this correspondence is being deposited by me with the United States Postal Service as FIRST CLASS MAIL, in an envelope addressed to MAIL STOP DD, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450, on the following date: April 26, 2004

Mydy Bus

MAIL STOP DD Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

RE:

U.S. Patent Application Serial No. 10/612,207;

Entitled: "METHOD FOR USING A WELL PERFORATING GUN";

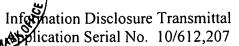
Inventors: Edward Cannov Kash.

Sirs:

Enclosed for filing in the above-mentioned application is:

- (1) An Information Disclosure Statement;
- (2) A Form PTO-1449 listing references A1-A9;
- (3) A postcard. Please date stamp and return the enclosed postcard to evidence receipt of these materials.

# BUSKOP LAW GROUP, P.C.



April 26, 2004 Page 2 of 2

No fees are believed to be due in connection with these materials. However, the Commissioner is hereby authorized to any deficiencies to Deposit Account No 50-1313 in the name of Buskop Law Group. A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

Wendy K. B. Buskop

Patent Attorney Reg. No. 32,202



## **PATENT**

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Edward Cannoy Kash

Group Art Unit: 3641

Serial No.: 10/612,207

**Examiner: Not Assigned** 

Filed: July 01, 2003

For: Method for Using a Well Perforating

Gun

Atty Dkt No.: 1261.03

#### CERTIFICATE OF MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to MAIL STOP DD, Commission of Patents, PO Box 1450, Alexandria, VA 22313-1450, on the following date: April 26, 2004.

ng date: April 26, 2004.

Wendy K. B. Buskop

MAIL STOP DD

Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

### Sir:

- I. Applicants hereby submit an Information Disclosure Statement and enclose a Form PTO-1449 listing references for consideration by the Examiner. Copies of the References are not enclosed.
- II. Applicants hereby request the Examiner to consider each cited reference. As required under 37 C.F.R. § 1.98(a)(3)(i), the following are concise explanations of the relevance of each reference, as they are presently understood:

REFERENCE A1 (US 6,679,327 - SLOAN): "One embodiment of the present invention discloses a system and method for orienting perforating guns inside of slanted or deviated wellbores. The invention involves adding a weight inside of the guns to gravitate the gun to a specified orientation. The weight is situated on the outer circumference of the gun tube and within the inner diameter of the gun body. The invention is capable of orienting the gun in any radial position without affecting the shot performance of any of the shaped charges."

REFERENCE A2 (US 6,520,258 - YANG): "An apparatus and method is provided to provide structural support for explosives (e.g., shaped charges) in a tool (e.g., a perforating gun). An encapsulant surrounds at least portions of the explosives to provide structural support for the explosives. The encapsulant contains a porous material, such as porous cement or polymer."

REFERENCE A3 (US 6,336,506 – WESSON): "A method and apparatus for perforating and stimulating a subterranean formation which is penetrated by a well bore having casing positioned therein so as to establish fluid communication between the formation and the well bore. Substantially rigid, flexible, or liquid propellant is interposed between the casing and at least one shaped charge in a subterranean well bore and is ignited due to the shock, heat and/or pressure generated from the detonated charge. Upon burning, the propellant material generates gases which clean perforations formed in the formation by detonation of the shaped charge(s) and which extend fluid communication between the formation and the well bore."

REFERENCE A4 (US 5,960,894 – LILLY): "The invention is directed to an expendable tubing conveyed perforator, comprising (a) an outer tube made from a material having high strength and low impact resistance; and (b) an inner structure positioned within the outer tube for holding one or more explosive charges, the inner structure made from a combustible material. The invention is also directed to a method of perforating a well casing using the expendable tubing conveyed perforator system."

REFERENCE A5 (US 5,775,426 – SNIDER): "A method and apparatus for perforating and stimulating a subterranean formation which is penetrated by a well bore having casing positioned

therein so as to establish fluid communication between the formation and the well bore. A shell, sheath or sleeve of propellant material is positioned so as to substantially encircling at least one shaped charge in a subterranean well bore and is ignited due to the shock, heat and/or pressure generated from the detonated charge. Upon burning, the propellant material generates gases which clean perforations formed in the formation by detonation of the shaped charge(s) and which extend fluid communication between the formation and the well bore."

REFERENCE A6 (US 2,980,017– CASTEL): "The invention relates to the perforation of well walls by means of explosive perforating charges, particularly those shaped explosive charges utilizing a jet effect for the perforation, and it is especially concerned with the perforation of cased well walls to which access is possible only through pipe or tubing of small diameter."

REFERENCE A7 (US 2,750,885 – SCHLUMBERGER.): "The present invention relates to shaped charge apparatus for perforating metallic casting placed in a bore hole. More particularly, it has to do with novel apparatus for maintaining proper alignment between shaped charges mounted in a housing adapted to be lowered into a bore hole and ports formed in the housing."

REFERENCE A8 (US 2,649,046– DAVIS): "This invention relates to an explosive package and assembly so designed and arranged as to give unusual explosive effectiveness in certain respects and more particularly to such a package comprising shaped charges enclosed in a container adapted to be used repeatedly."

REFERENCE A9 (US 2002/0134585 A1 – WALKER): "A shaped charge perforating apparatus (50) for perforating a subterranean well is disclosed. The shaped charge perforating apparatus (50) comprises a support member (62) having a plurality of shaped charge mounting locations each having a shaped charge (56) positioned therein. Each of the shaped charges (56) has an initiation end and a discharge end. The initiation end of each shaped charge (56) is coupled to a detonator cord (70). The shaped charges (56)are enclosed in a carrier (52) having a plurality of recesses (54) spaced on an exterior surface thereof and having contoured bottom

surfaces (80). Each of the recesses (54) is longitudinally and radially aligned with the discharge end of one of the shaped charges (56)."

III. No fees are believed to be due in connection with these materials. This Information Disclosure Statement is being filed prior to receipt of an official Office Action.

Date: April 26, 2004

Wendy K. B. Buskop

Patent Attorney Reg. No. 32,202

Please send correspondence to:

Wendy K. B. Buskop Buskop Law Group PC 1717 St. James Place, Suite 500 Houston, Texas 77056 (713) 403-7411

APR 2-8 2004 Sheet 1 of 1 Serial No.: 10/612,207 **Group Art Unit: 3641** Form PTOS1449 U.S. Department of Commerce Patent and Trademark Office Filing Date: July 01, 2003 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Applicant(s): Edward Cannoy Kash Atty. Docket No.: 1261.03 A REFERENCE - U.S. PATENT DOCUMENTS **Document** Examiner Patent Date Name Class Sub Filing Date Initial\* Number If Appropriate Number Class 6,679,327 01/20/2004 Sloan 166 297 11/30/2001 A1 297 **A2** 6,520,258 02/18/2003 166 07/21/2000 Yang Wesson **A3** 6,336,506 01/08/2002 166 308.1 12/12/2000 5,960,894 175 4.6 **A4** 10/15/1999 Lilly 3/13/1998 07/07/1998 Snider 308.1 **A5** 5,775,426 166 09/09/1996 **A6** 2,980,017 04/18/1961 Castel 175 4.6 07/28/1953 A7 2,750,885 06/19/1956 Schlumberger 4.6 175 11/23/1949 **A8** 2,649,046 08/18/1953 **Davis** 102 310 05/01/1947 **A9** US-Published: Walker 175 4.51 03/21/2001 2002/0134 09/26/2002 585 A1 **B REFERENCE - FOREIGN PATENT DOCUMENTS Document** Examiner Patent Date Country Class Sub Translation Initial\* Number Number Class Yes No **B**1 C REFERENCE - OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.) Document Examiner Other Documents Citation Number Initial\* C1Examiner: **Date Considered:** \*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to

Applicant.